	A	B	C
1	**Product Name**	**Sales**	**Revenue**
2	Pencil	20	65
3	Pen	35	85
4	Notebook	20	190
5	Book	17	180
6	Pencil case	12	96

Figure 27: Stationery sales and revenue data

In Calc there are 26 functions that support the use of regular expressions and these are listed in Chapter 7, Using Formulas and Functions. The REGEX function is particularly powerful, matching and extracting, or optionally replacing, text using regular expressions. For example the formula =REGEX("123456ABCDEF";"[126]";"";"g") returns "345ABCDEF", where any occurrence of "1", "2" or "6" is replaced by the empty string and is thus deleted.

Tip

The online help describes many more regular expressions and their uses.

Note

If interoperability with Microsoft Excel is important for your spreadsheet, then you may not be able to fully utilize Calc's regular expression facilities because Excel does not provide equivalent facilities. Hence, when you export a Calc spreadsheet to Excel format, information relating to regular expressions will not be usable within Excel. In this case you can use the less powerful wildcards facility provided by Calc because spreadsheets that utilize wildcards can be exported to Excel format without loss of data. See Chapter 7, Using Formulas and Functions for more information about wildcards.

There are numerous websites that include examples of regular expressions and these provide an endless source of inspiration and ideas to help improve your data analysis skills.

Additional information about regular expressions in Calc can be found in the Help system and on The Document Foundation's wiki starting at https://wiki.documentfoundation.org/Documentation/HowTo/Calc/Regular_Expressions.